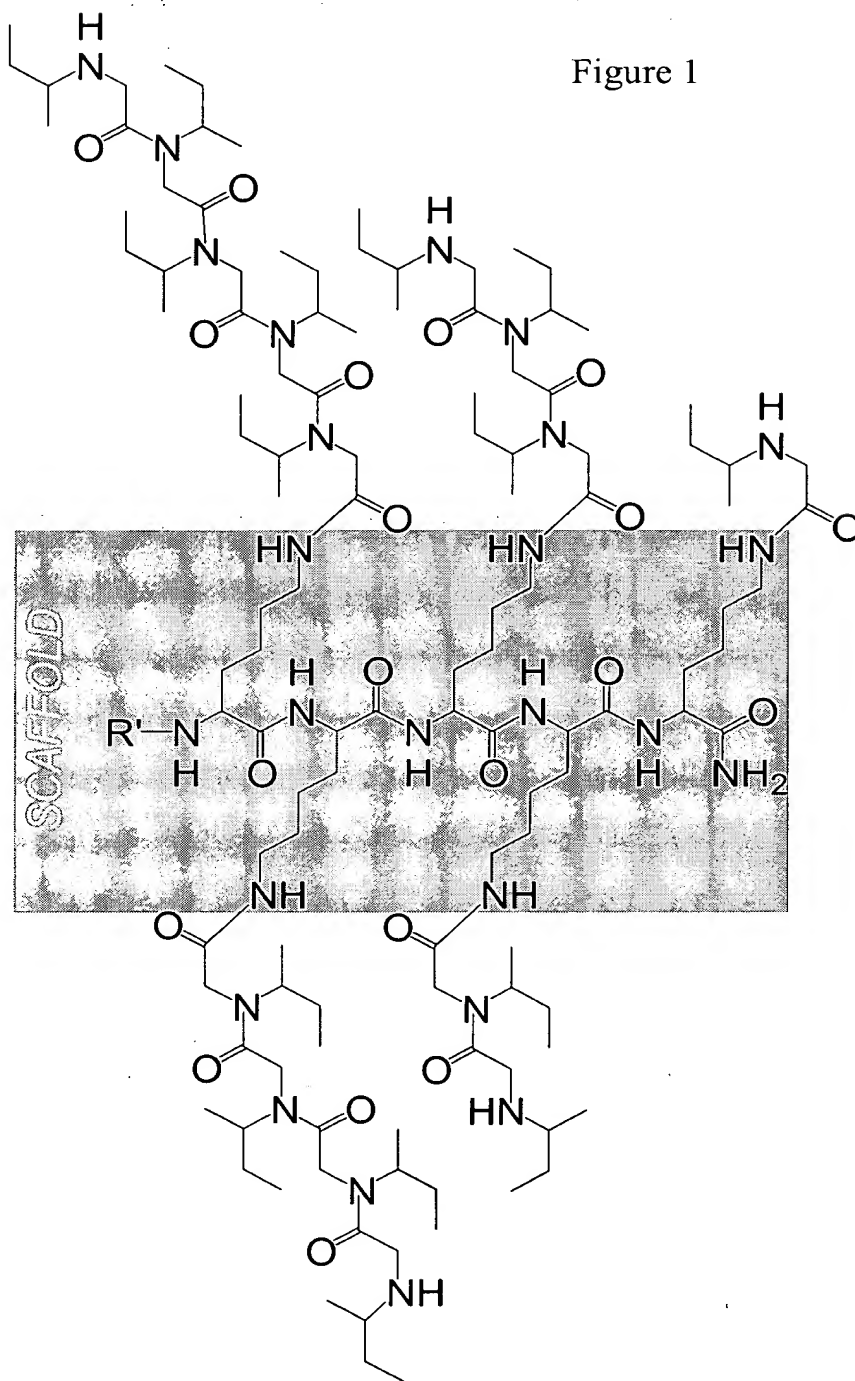


APPROVED BY DRAFTSMAN	O.G. FIG.	
	GLASS	SUBCLASS

**Merchant & Gould P.C.**  
 Inventor: MELDAL  
 Docket No.: 11225.13US01  
 Title: **ONE-DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC SYNT**  
 Attorney Name: RONALD A. DAIGNAULT  
 Phone No.: (612) 332-5300 Express Mail Label No.: EL815539513US  
 Sheet 1 of 6

Figure 1



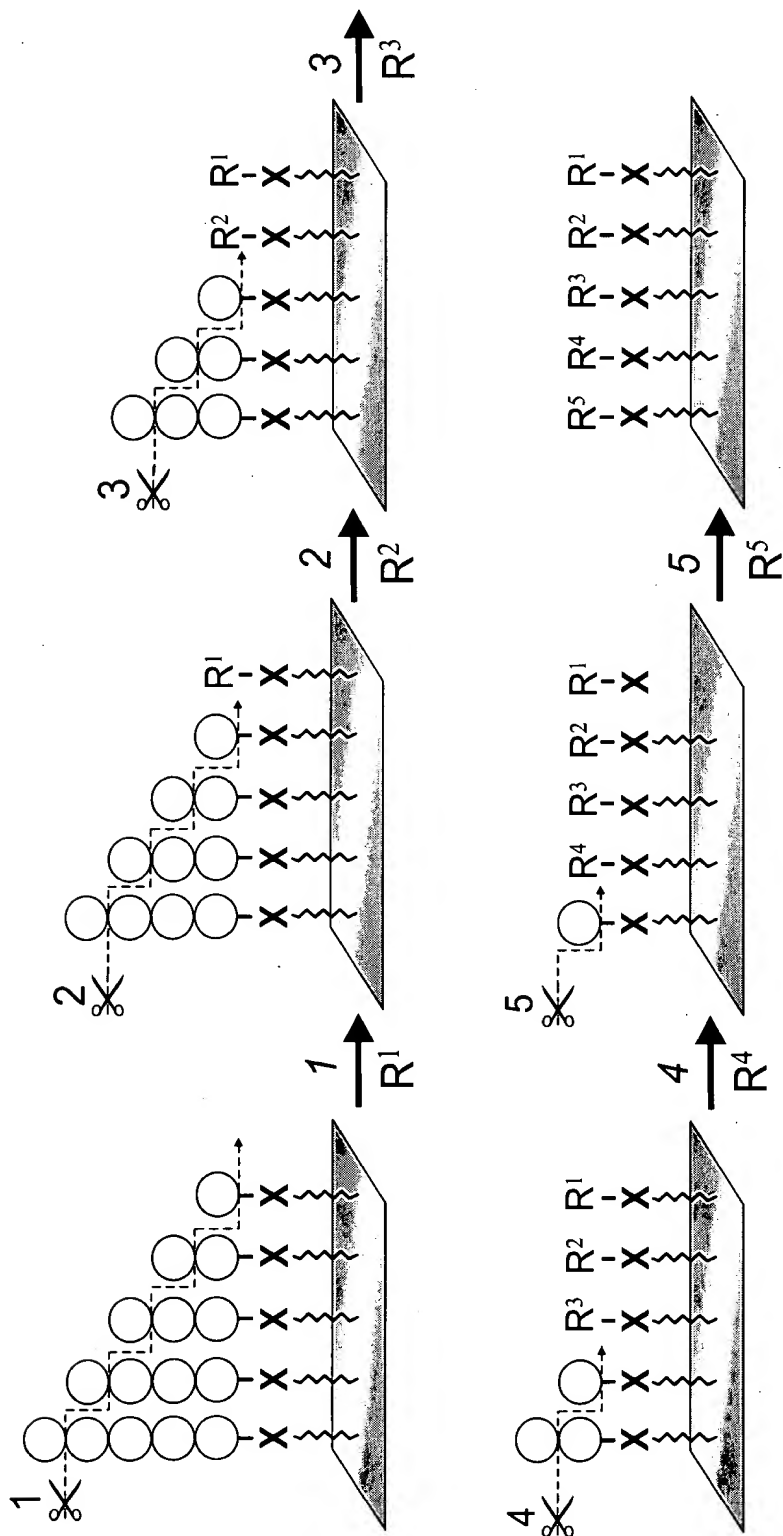
R' = Alloc protecting group

T05040 "2252350

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Merchant & Gould P.C.  
 Inventor: MELDAL  
 Docket No.: 11225.13US01  
 Title: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC SYNTHESIS  
 Attorney: RONALD A. DAIGNAULT  
 Phone: (612) 332-5300 Express Mail Label No.: EL815539513US  
 Sheet 2 of 6

Figure 2



○ = Protecting group unit    X = Any functional group     $R^{1-5}$  = Diversity elements

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 3

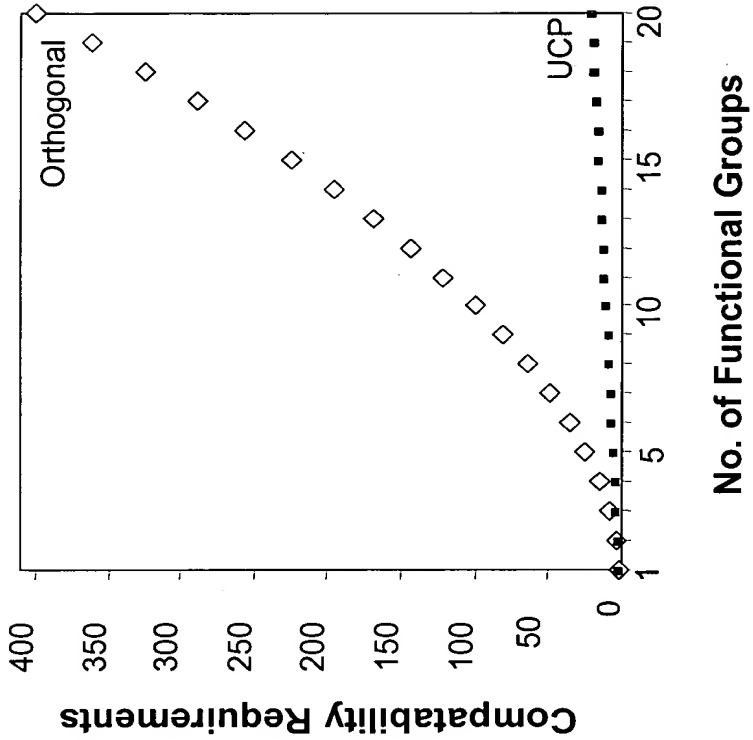
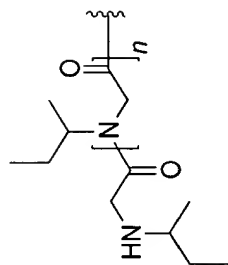


Figure 3

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

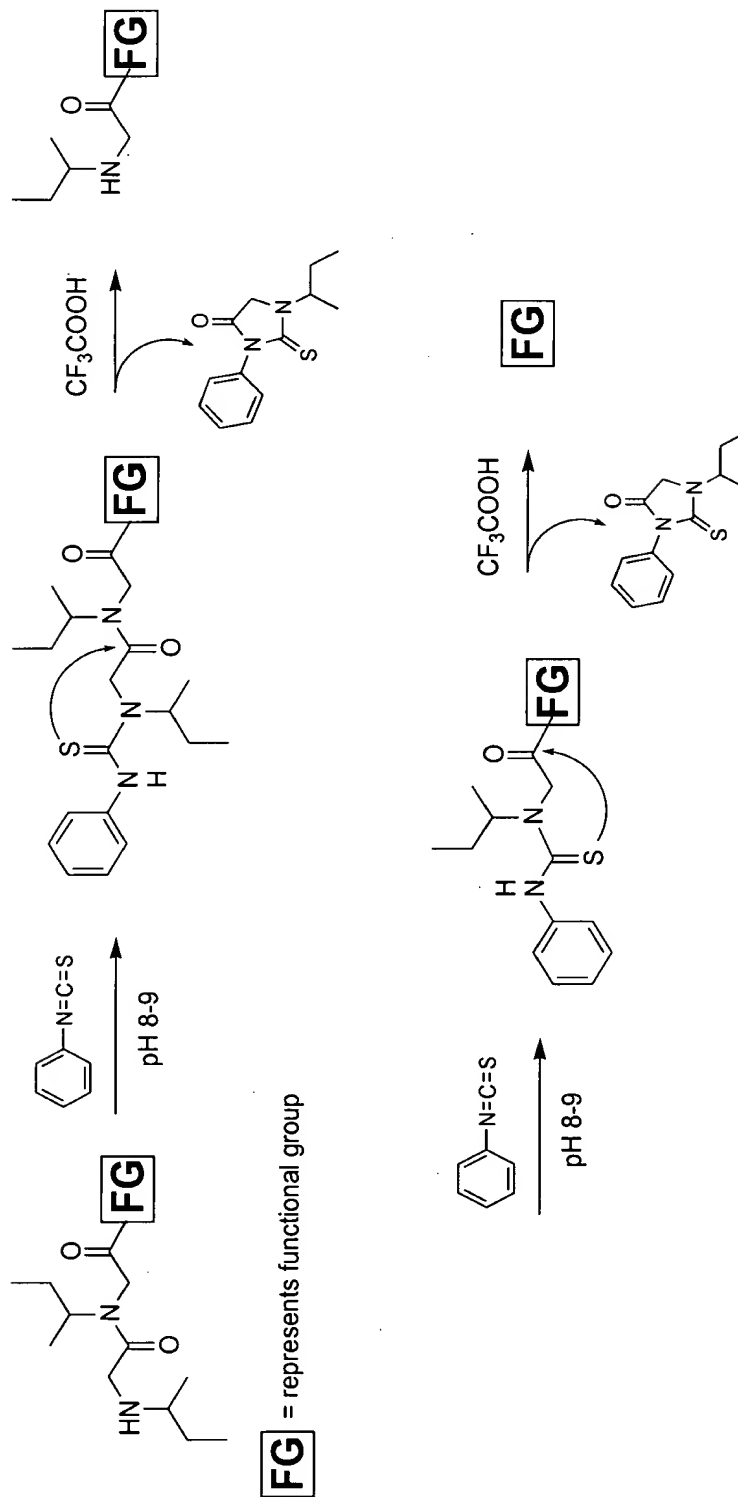
Merchant & Gould P.C.  
 Inventor: MELDAL  
 Docket No.: 11225.13US01  
 Title: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC SYNTHESIS  
 Attorney: RONALD A. DAIGNAULT  
 Phone: (612) 332-5300 Express Mail Label No.: EL815539513US  
 Sheet 4 of 6

Figure 4



### A. Example of Protecting Group

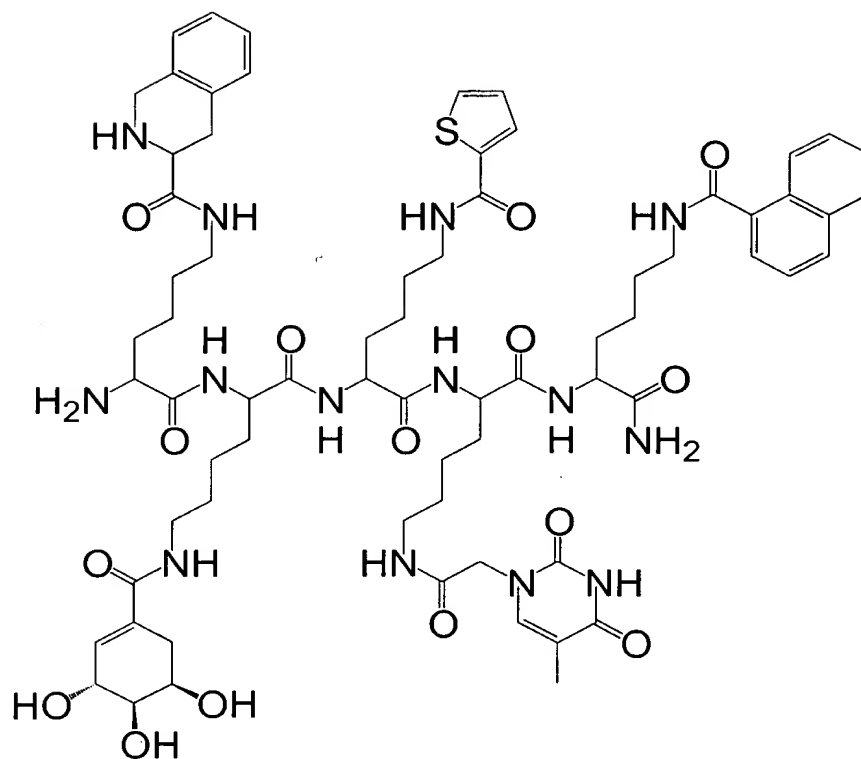
### B. Example of Deprotection Chemistry



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Merchant & Gould P.C.  
 Inventor: MELDAL  
 Docket No.: 11225.13US01  
 Title: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC  
 SYNT  
 Attorney: RONALD A. DAIGNAULT  
 Phone No.: (612) 332-5300 Express Mail Label No.: EL815539513US  
 Sheet 5 of 6

Figure 5



$C_{70}H_{94}N_{14}O_{15}S$

Exact Mass: 1402.67

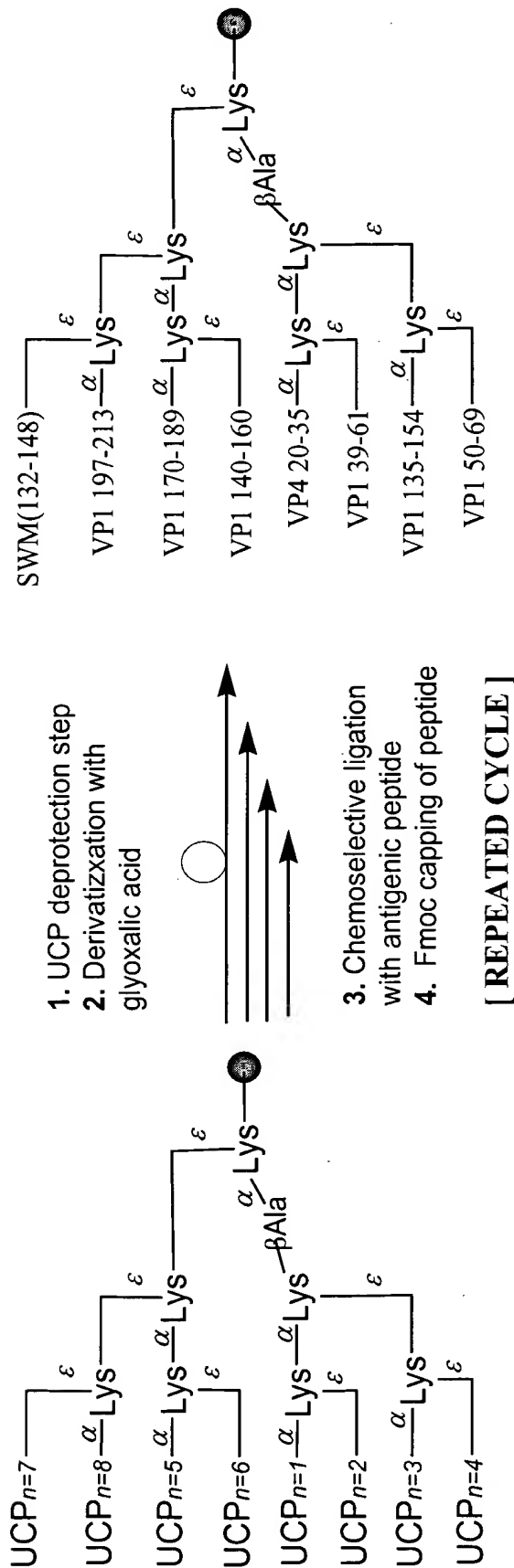
C, 59.90; H, 6.75; N, 13.97; O, 17.10; S, 2.28

092937-040901

TOP SECRET

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

Merchant & Gould P.C.  
 Inventor: MELDAL  
 Docket No.: 11225.13US01  
 Title: ONE DIMENSIONAL UNICHEMO PROTECTION (UCP) IN ORGANIC SYNTHESIS  
 Attorney: RONALD A. DAIGNAULT  
 Phone: (612) 332-5300 Express Mail Label No.: EL815539513US  
 Sheet 6 of 6



### Example Procedure for N-terminally Derivatizing Peptide Antigens

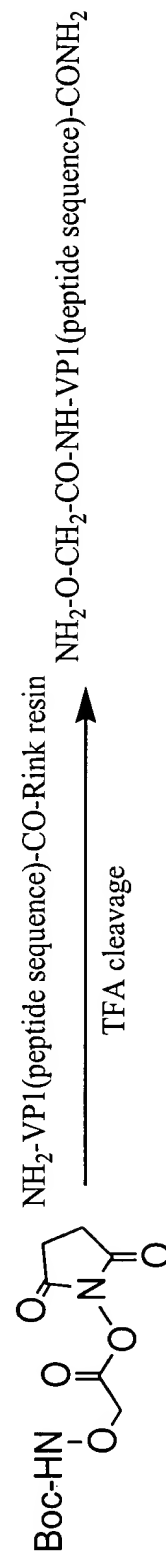


Figure 6